

# Campoxy EPZ557

## General Purpose Epoxy



### FEATURES

**Campoxy EPZ557** is a premium quality two pack polyamide epoxy coating, formulated specifically for general industrial applications.

**Campoxy EPZ557** exhibits excellent adhesion, chemical and solvent resistance, and a high level of corrosion resistance.

**Campoxy EPZ557** is a medium build; medium volume solids coating that contains zinc phosphate and can be applied directly to correctly prepared metal surfaces.

### RECOMMENDED USES

It is ideally suited for the following applications:

- Chemical industry
- Transport Industry
- Mining industry
- Oil and petroleum industries
- Water and sewerage installations
- Heavy machinery and marine applications
- General construction
- Agricultural Equipment

### SPECIFICATION DATA

|                     |   |                             |                                       |
|---------------------|---|-----------------------------|---------------------------------------|
| <b>Colour:</b>      | Grey Green  | <b>Mixed Volume Solids:</b> | ~57%                                  |
| <b>Finish:</b>      | Low sheen   | <b>Dry Film Thickness:</b>  | 50µ DFT                               |
| <b>Density:</b>     | ~1.36 g/cc  | <b>Wet Film Thickness:</b>  | 90µ WFT                               |
| <b>Packaging:</b>   | 20 litre kits   | <b>Coverage:</b>            | ~ 11 m <sup>2</sup> / litre @ 50µ DFT |
| <b>Mix Ratio:</b>   | 1 part base: 1 part hardener  | <b>Number of Coats:</b>     | 1 coat                                |
| <b>Application:</b> | Spray, small areas by brush   | <b>Pot life:</b>            | 6 hours @ 25°C                        |
| <b>Thinner:</b>     | Epoxy Thinner   | <b>Touch Dry:</b>           | 45-60 minutes @ 25°C,                 |
| <b>Cleanup:</b>     | Epoxy Thinner   | <b>Dry to Recoat:</b>       | 3-4 hours at 25°C                     |
| <b>Storage:</b>     | Store under cool dry conditions away from heat and sources of ignition. | <b>Hard Dry:</b>            | 3-4 hours at 25°C                     |
|                     |   | <b>Full Cure:</b>           | 7 days                                |

### PERFORMANCE

|                                |                                 |
|--------------------------------|---------------------------------|
| <b>Temperature Resistance:</b> | Up to 110°C dry heat            |
| <b>Abrasion Resistance:</b>    | Excellent                       |
| <b>Weatherability:</b>         | Good; Excellent when topcoated. |
| <b>Solvent Resistance:</b>     | Excellent                       |
| <b>Chemical Resistance:</b>    | Excellent                       |

## DIRECTIONS FOR USE

Ensure surface to be painted is clean, dry and free from dust, grease, oil or other surface contaminants. Degrease the surface as per SSPC-SP-1. Surface contamination such as alkali, acid, oxide deposits, mill scale or rust should be removed completely by abrasive blasting, acid descaling or mechanical abrasion.

Mix 1 part by volume of base to 1 part by volume of hardener. Allow to stand for 10 minutes prior to thinning and application.

If thinning is required use **Cameleon Epoxy Thinner**.

**Campoxy EPZ557** is best applied by airless spray with a pump ratio of at least 30:1 and a fluid tip of 480 - 530 $\mu$  (19 - 21 thou), however, it may also be applied by conventional spray, or small areas by brush.

If applying during cooler temperatures (not below 10 deg C), or if faster touch dry and hard dry times are required **Campoxy Accelerator** can be added as described on the product data sheet for this product. **Campoxy Accelerator** is added as a third component at a rate of 100ml per 4L pack, once the parts A and B have been mixed.

Provide adequate natural ventilation during use. Wash equipment immediately after use with **Cameleon Epoxy Thinner**.

**DO NOT apply if temperature is below 10°C unless temperature is rising.**

### Typical Specifications

| Surface | *Preparation  | System                          | Dry Film Build |
|---------|---|---------------------------------|----------------|
| Steel   | For best performance abrasive blast to AS1627.4 Class 2 1/2 ; if this is impractical then prepare surface to AS1627.7 or AS1627.2 | 1. Campoxy EPZ557               | 50 $\mu$       |
|         |   | 2. Campoxy EHB585               | 200 $\mu$      |
|         |   | 3. Camtect AU660 <sup>(1)</sup> | 40 - 50 $\mu$  |
|         |   | 1. Campoxy EPZ557               | 50 $\mu$       |
|         |   | 2. Camtect AU660                | 40 - 50 $\mu$  |

<sup>(1)</sup> Top coat with Cameleon Camtect AU660 optional

## PRECAUTIONS

*\*Note: The figures quoted for pot-life and drying times may vary with local conditions - such as ambient temperature and humidity, storage conditions, and volume mixed. If the temperature is high (>25°C), the material is stored in the open, or a large volume is mixed, then the pot-life will be significantly reduced.*

**IMPORTANT!** See the Cameleon Paints General Safety Data Sheet, Product label, and Material Safety Data Sheet (MSDS) for health and safety information prior to use.

## CAMELEON PAINTS

### Manufacturers of a complete range of quality paints

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